

MEMBER UNITS EXHIBIT NUMBER 69

MEMORANDUM  
City of Lompoc - Cachuma Project Member Negotiations  
TECHNICAL COMMITTEES

DATE: July 14, 1995

TO: See Distribution Below

FROM: Stephen F. Mack, Water Supply Manager, City of Santa Barbara 

SUBJECT: POSTPONEMENT OF TECHNICAL COMMITTEES MEETING

---

The Technical Committees meeting that was tentatively scheduled for July 24, 1995, has been postponed. The Modeling Subcommittee (at least those who didn't have to fly and thus were not grounded) met on July 7, 1995. Attached is a list of work items for the models that were discussed at that meeting. It will be at least October before these items are completed. Because the expected principal topic of discussion for the proposed July Technical Committees meeting was progress on the update of the models and that progress can be communicated through this memorandum, it has been agreed that a formal convening of the committees is not necessary.

Please review the July 5, 1995 memorandum prepared by Tim Durbin. If you have any questions about that memorandum or the update of the models, please contact Tim or one of the other members of the Modeling Subcommittee. The Modeling Subcommittee will be keeping in close contact regarding progress in updating the models. As we near October, depending on updating progress, we will determine the date for the next Technical Committees meeting. Please contact me at (805) 564-5501, if you have any questions about the meeting schedule.

Thank you.

SM/nrs

Attachment

DISTRIBUTION:

Gary Keefe, City of Lompoc  
Hossein Moazami, City of Lompoc  
David Hirsch, City of Lompoc  
Stuart L. Somach, City of Lompoc  
Dave Schuster, City of Lompoc  
Tim Durbin, City of Lompoc  
Charles Hamilton, Carpinteria Water District  
C.E. Wullbrant, Carpinteria Water District  
Bob Paul, Goleta Water District  
Russell Ruiz, Goleta Water District  
Lloyd Fowler, Summerland Water District  
Chuck Evans, Montecito Water District  
Tom Petersen, SYRWCD, I.D. #1  
Steve Amerikaner, SYRWCD, I.D. # 1  
Ali Shahroody, SYRWCD  
Barry Hecht, Cachuma Cons. & Release Board

Robert M. Jones, Montecito Water District  
Bob Wignot, Cachuma Project Authority  
David Lindgren, Cachuma Project Authority  
Bill Mills, Cachuma Project Authority  
Arthur Kidman, Cachuma Cons. & Release Board  
Stan Hatch, SYRWCD  
Rob Almy, Santa Barbara County Water Agency  
Jon Ahlroth, Santa Barbara County Water Agency  
Bill Luce, U.S. Bureau of Reclamation  
Tony Buelna, U.S. Bureau of Reclamation  
Robert May, U.S. Bureau of Reclamation  
Dan Wallace, City of Santa Barbara  
Bob Pike, City of Santa Barbara  
David H. Johnson, City of Santa Barbara  
Bob Roebuck, City of Santa Barbara

## MEMORANDUM

HCI-603

---

**TO:** Barry Hecht  
Peter Martin  
Ali Shahroody

**FROM:** Tim Durbin

**DATE:** July 5, 1995

**SUBJECT:** Updates to the models of the Lompoc ground-water basin and Santa Ynez River.

---

As we discussed during the last meeting of the Technical Committees, I am making modifications to the models of the Lompoc ground-water basin and Santa Ynez River and to the documentation of the models. These modifications are as follows:

Changes to models

- ✓ 1. For all of the models, the calibration period for the models will be expanded to 1942-94.
2. For the basin and Plain models, the driller's logs for the Lompoc Plain will be reinterpreted to redefine the permeability distributions for the upper aquifer.
3. For the basin and Plain models, the underflow from the Santa Rita Valley will be set to zero.
4. For the basin and Plain models, recharge will be added on the south side of the Lompoc Plain.
5. For the basin and Plain models, recharge from the shale will be added to the eastern Lompoc Plain.
6. For the basin and Plain models, the representation of subsurface agricultural drainage will be reviewed and modified if necessary.

Barry Hecht  
Peter Martin  
Ali Shahroody  
July 5, 1995  
Page 2

7. For the basin and Plain models, the agricultural pumping will be reviewed and modified if necessary.
8. For the basin and Plain models, the temporal and geographic distribution of crops will be modified.
9. For the basin and Plain models, the water use of crops will be reviewed and modified if necessary.
10. For the ground-water salinity model, the geographic variability of the salt loading to the shallow zone will be modified.
11. For the ground-water salinity model, the salt loading from the shale will be added to the model.
12. For the ground-water salinity model, the salt loading from south-side recharge will be added to the model.
13. For the above Narrows streamflow salinity model, the representation of Cachuma Reservoir will be modified to incorporate data that was not previously available.

#### Changes to model documentation

1. The report on the models will be modified to represent the changes to the models.
2. The report on the models will be modified to describe the sources and use of data in more detail.
3. User documentation will be prepared on the ground-water-flow model and below Narrows streamflow model.
4. User documentation will be prepared on the ground-water-salinity model and below Narrows streamflow-salinity model.
5. User documentation will be prepared on the above Narrows streamflow and streamflow-salinity models.

**HCI** HYDROLOGIC  
CONSULTANTS, INC.

Barry Hecht  
Peter Martin  
Ali Shahroody  
July 5, 1995  
Page 3

6. A memorandum will be prepared to answer written comments that are not addressed in the modifications to the report.

During our meeting on July 7 in Davis, we should discuss those modifications to the models and model documentation. If possible I would like to reach consensus on the list of modifications that should be made and on as much detail regarding the modifications as possible.